



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:) Attorney
Rogelio Robles et al.) Docket Number: 10990665-1
Serial No: 09/887,306) Group Art Unit: 2178
Filed: June 22, 2001) Examiner: Cesar B. Paula
For: Document Production In A)
Distributed Environment)
)

November 22, 2004

U.S. Patent and Trademark Office
Commissioner for Patents
Alexandria, VA 22313-1450

Sir:

DECLARATION OF ROGELIO ROBLES AND HECTOR RODRIGUEZ UNDER
37 C.F.R. § 1.131

I, Hector Rodriguez, declare that:

1. Rogelio Robles and I are the inventors of the subject matter claimed in the above captioned patent application;
2. The claimed subject matter was conceived before January 1999 as documented in the Invention Disclosure No. 10990665 we submitted in January 1999. A copy of the Invention Disclosure No. 10990665 is attached to this Declaration as Exhibit A. The subject matter in the above captioned patent application was conceived before Van Der Linden, U.S. Publication No. 2001/0013947 A1, filed December 28, 2000, which appears to claim priority of European Application No. 00200030.5, filed January 4, 2000. The pertinent dates are noted in the Invention Disclosure No. 10990665 we submitted in January 1999, and U.S. Publication No. 2001/0013947 A1 filed December 28, 2000. A copy of U.S. Publication No. 2001/0013947 is attached to this Declaration as Exhibit B.

3. All of our activities related to this invention took place in the United States and Mexico.

4. At the time of our invention, we were under an obligation to and we did assign the invention to Hewlett Packard Company. My co-inventor, Rogelio Robles, no longer works for Hewlett-Packard Company and he is not available to assist with the pending patent application.

I declare that all statements made in this Declaration of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the patent application or any patent issued on that application.

Nov 30th, 2004

Date



Hector Rodriguez

REC'D 10/25/2004
DATE RCVD 10/25/99

Instructions: The information contained in this document is ~~COMPANY CONFIDENTIAL~~ and may not be disclosed to others without prior authorization. Submit this disclosure to the HP Legal Department as soon as possible. No patent protection is possible until a patent application is authorized, prepared, and submitted to the Government.

Descriptive Title of Invention:

Architecture to set services and properties to print jobs no matter the printer or destination using Internet open standards.

Name of Project:

JetPalette

Product Name or Number:

RECEIVED

Was a description of the invention published, or are you planning to publish? If so, the date(s) and publication(s):

No

JAN 25 1998

Was a product including the invention announced, offered for sale, sold, or is such activity proposed? If so, the date(s) and location(s):

No

Was the invention disclosed to anyone outside of HP, or will such disclosure occur? If so, the date(s) and name(s):

Yes it was disclosed to The Open Group in Grenoble France. They are under non-disclosure agreements with HP and right now they are subcontracted to build a prototype. They are working since August 1st 1998 and the engineers working on it are Nick Stephen, James Loveluck and from HP Ira Goldstein.

If any of the above situations will occur within 3 months, call your IP attorney or the Legal Department now at 1-553-3061 or 408-553-3061.

Was the invention described in a lab book or other record? If so, please identify (lab book #, etc.)

Yes in a notebook and/or a print out from an electronic white board.

Was the invention built or tested? If so, the date:

A prototype is under construction.

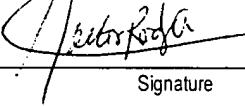
Was this invention made under a government contract? If so, the agency and contract number:

No

Description of Invention: Please preserve all records of the invention and attach additional pages for the following. Each additional page should be signed and dated by the inventor(s) and witness(es).

- A. Prior solutions and their disadvantages (if available, attach copies of product literature, technical articles, patents, etc.).
- B. Problems solved by the invention.
- C. Advantages of the invention over what has been done before.
- D. Description of the construction and operation of the invention (include appropriate schematic, block, & timing diagrams; drawings; samples; graphs; flowcharts; computer listings; test results; etc.)

Signature of Inventor(s): Pursuant to my (our) employment agreement, I (we) submit this disclosure on this date: [January 22, 1999].

199 396	Rogelio Robles		678-9793	PHS Guadalajara, México R&D Department
Employee No.	Name	Signature	Telnet	Mailstop
199 147	Hector Rodriguez		669-9481	PHS Guadalajara, México R&D Department
Employee No.	Name	Signature	Telnet	Mailstop

**INVENTION DISCLOSURE**

COMPANY CONFIDENTIAL

PAGE 2 OF 2**Signature of Witness(es):** (Please try to obtain the signature of the person(s) to whom invention was first disclosed.)

The invention was first explained to, and understood by, me (us) on this date: []

Full Name
Ernesto Solis

Signature

Date of Signature

1/22/99Full Name
Jose Chavolla

Signature

Date of Signature

1/22/99**Inventor & Home Address Information:** (If more than four inventors, include addl. information on a copy of this form & attach to this document)

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Description of Invention

TODAY

Users of HP printers have a hard time dealing with the printer drivers. Today, there are large differences in the features available in different printer drivers. For example, features like impositioning are only present in High-End printers's print drivers (not in InkJet printers).

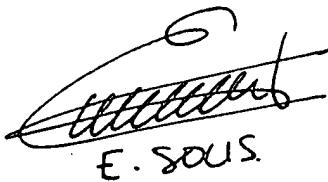
The selection of the desired options sometimes requires 2 or 3 levels of interaction. The user sometimes needs to click 2 or 3 buttons to select an option. And those options change their positions and names from driver to driver so the confusion grows. Also, the users are concerned because they feel that they don't have the latest and greatest driver for their printers. When they are not able to get to the printer what they want, they don't know if the problem is because of not having access to the most up to date driver.

Distribute and print is a new trend in manufacturing companies. They want Just-In-Time printing. Sending orders to print manuals and books months before a product is released is no longer acceptable. Outdated manuals sometimes arrive to the user with descriptions of product features that no longer exist. The idea of having the most up to date documentation is one of the keys for the success of a product.

ADVANTAGES OF THE INVENTION OVER WHAT HAS BEEN DONE BEFORE

This architecture provides a method for solving the previously mentioned problems. A loose coupling between the features offered by the driver and the printer for which it was created is a benefit. It allows the feature to be used by every other printer. "Drag and drop" is a very easy user interface technique. Having this available to set print jobs properties will let the users operate the printers with all of their features. An embedded Web Brower inside a ghost print driver will let the users have an always-updated set of printing features at his/her desktop.

This architecture uses a printer driver that launches a Web Brower to provide the possibility of choosing any service, finishing type or destination published by a server and that characteristic can be added to print jobs. The services could be page impositioning, storing in corporate archives. Examples of finishing options are folding and stapling. Some possible destinations are fax, printer, print shops, email or remote printers at a distant manufacturing facilities. When a new service is added to the pool of services, all PC clients can use it. Just a plug-in needs to be added to the server. This plug-in will add its services to rest of service and everything will be publis and presented to the user a regular Web page. In this way, at all times the users have all the possible services available just when they send a job to print. A ghost Windows printer driver that does the job of running the embedded web browser, or maybe an already installed, always points to the nearest server that publishes all the services. The client sends the print job in a generic file format like PDF or Postscript to the server and then it performs all the services selected by the user. With all that information already set the server can select the printer that have all the features requested by the user or suggest an appropriate one.

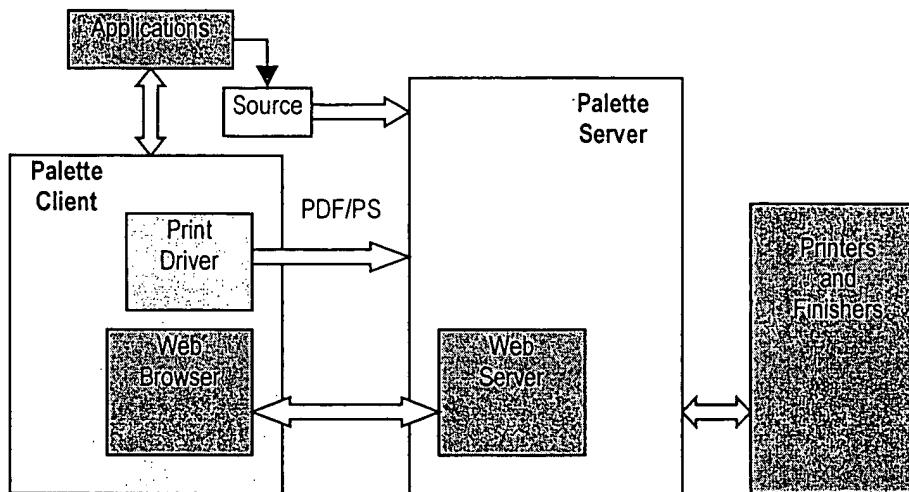


E. SOUS.

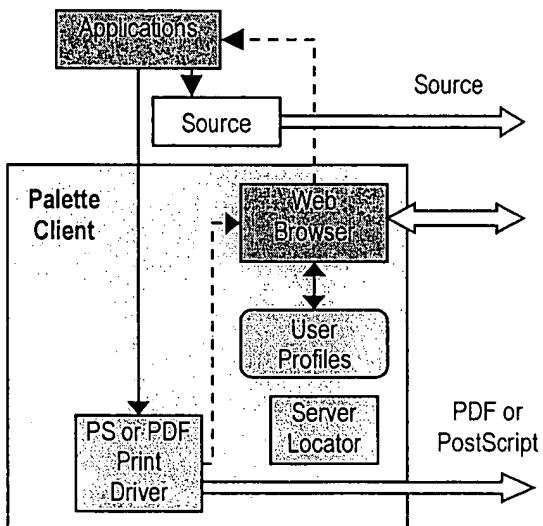


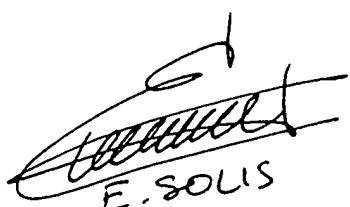


Palette Architecture



Palette Client



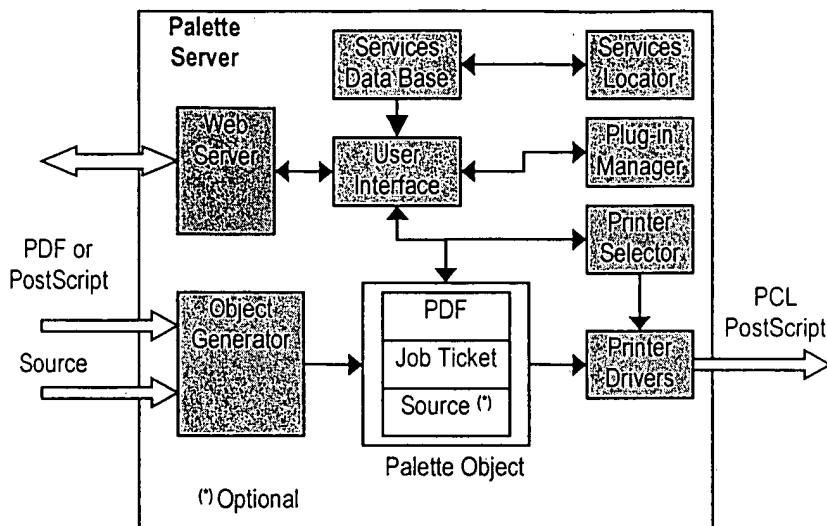

E. SOLIS

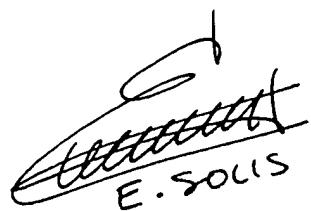

Douglas A. Rabill


John R. G.

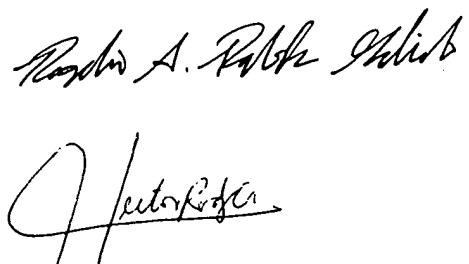

J. Daniels

Palette Server




E. SOLIS


J. Diacolla


R. A. Robb


H. Ritter